



#38/H  
Attorney Docket 13025-6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Continued Prosecution Application:

Applicants: Soderlund, Hans E. and )  
                  Syvanen, Anne-Christine )  
   )  
Serial No.: 08/465,322                     )  
   )  
Filed: 5 June 1995                         )  
   )  
For: "Reagent Kit for Determining     )  
                  Specific Nucleotide Variations" )

Examiner: Carla J. Myers  
Group Art Unit: 1634

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25 October 2002

Commissioner for Patents  
Washington, DC 20231

**REPLY TO AN OFFICE ACTION  
UNDER 37 CFR 1.111**

SIR or MADAM:

This is submitted in response to an Office Action dated 25 April 2002 issued in connection with the patent application identified above. Pursuant to a petition for an extension of time submitted with this response, the time for response has been set for 25 October 2002.

Certificate of Mailing Under 37 CFR 1.8

I hereby declare that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on

25 October 2002  
Date

J. David Ellett, Jr. (Reg. No. 27,875)

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## A M E N D M E N T S

Please amend the subject application as set forth below.

### In the Claims

Ccancel claims 51 through 53 inclusive, 56, 57, 59, 62, 63, 67, and 71 through 75 inclusive without prejudice.

Add the following new claims 97 through 116 inclusive.

197. (New) A reagent kit for detecting the presence or absence of one or more specific nucleotides at a predetermined target position in a target nucleic-acid polymer, comprising:

- (a) a detection primer comprising a detection-primer nucleotide sequence having a primer-extension-initiation 3'-end nucleotide which constitutes a 3' terminal end of the detection primer, the detection-primer nucleotide sequence being complementary to a primer-hybridizing nucleotide sequence of the target nucleic-acid polymer with a nucleotide in the target nucleic-acid polymer complementary to the primer-extension-initiation 3'-end nucleotide of the detection-primer nucleotide sequence defining a primer-end complement nucleotide, the primer-hybridizing nucleotide sequence of the target nucleic-acid polymer extending towards the 3' end of the target polymer from the primer-end complement nucleotide, the primer-end complement nucleotide being located in the target polymer at a position 3'-ward of the predetermined target position, the position of the primer-end complement nucleotide being subject to a constraint that no nucleotide of the same type as the one or more specific nucleotides to be detected